625.50
325.507

PRELIMINARY INSECT SURVEY REPORTS FROM VARIOUS RANGER DISTRICTS, SAN BERNARDINO NATIONAL FOREST

San Bernardino, California
October 1940

ANNUAL FOREST INSECT REPORT

Forest: San Bernardino Ranger District: Arrowhead

Dates of field examinations: 1940 Season

Time spent on field survey of insect conditions No direct charge

Methods of survey employed (general observations, sample strip counting, topographic spotting, sample plot making): General observations

What is the general insect situation on your district? Good

If there are any special areas where insect losses are now serious or threaten to become so, answer the following questions, using additional forms if more than one special area is reported:

Name of area affected: Miller Cyn, Crestline, Arrowhead, Bear Creek, Rim, Snow Valley & Green Valley Units No. Acres: 27,000

Location of legal subdivisions: Timbered section, Arrowhead District

Proportion of ownership: Government 1/2 ; private 1/2 ; other -

Timber type Ponderosa & Jeffrey Range in elevation 3500-6500

Value of stand per M.B.M. High Recreational Value

Tabulate below your estimate of the number of trees that died from insect attack on this area during the past season:

Tree Species	Merchantable above 12" D.B.H.	Poles	Reproduction
Ponderosa, Jeffrey, Coulter	40	150	-

In your opinion what action should be taken - special examination, control project, administrative use? Special examination and follow-up of 1939-40 Project

Will it be possible to dispose of infested trees thru free use, administrative use, or sale, so as to insure killing of broods? No

Remarks and recommendations: Intensive spotting and follow-up of 1939-40 project. Gov't. land should require but one spotter w/ small crew during January & February Estimated cost- Foreman-spotter, 2 mo. @ $150. Transp.-$75. S&E-$25. Total-$250.

Approved: 10/11/40
Claude P. Barton
Title: Asst. Forest Supervisor

Submitted
GEORGE P. LANG
Title: District Ranger

ANNUAL FOREST INSECT REPORT

Forest: San Bernardino Ranger District: Big Bear

Dates of field examinations: All Summer Time spent on field survey of insect conditions Incidental to other work

Methods of survey employed (general observations, sample strip counting, topographic spotting, sample plot making): General observations

What is the general insect situation on your district? Very good. An occassional tree only. Does not warrant expenditure of funds this year. A great many trees have been disposed of by free use and CCC labor. No work needed this year.

If there are any special areas where insect losses are now serious or threaten to become so, answer the following questions, using additional forms if more than one special area is reported:

Name of area affected: _____ No. Acres: _____

Location of legal subdivisions: _____

Proportion of ownership: Government _____; private _____; other _____

Timber type _____ Range in elevation _____

Value of stand per M.B.M. _____

Tabulate below your estimate of the number of trees that died from insect attack on this area during the past season:

Tree Species	Merchantable above 12" D.B.H.	Poles	Reproduction

In your opinion what action should be taken - special examination, control project, administrative use? _____

Will it be possible to dispose of infested trees thru free use, administrative use, or sale, so as to insure killing of broods? _____

Remarks and recommendations: Continued control work through free use and CCC labor on trees showing up in the Santa Ana river section of this Ranger District

Approved: 10/11/40
Claude P. Barker
Title: Asst Forest Supervisor

Submitted D. M. Tucker, 10-5-40
Title: District Ranger

C O P Y

S INSECT CONTROL
Preliminary Insect Report
San Bernardino

Mill Creek Ranger Station
Mentone, California
October 3, 19 40.

PRELIMINARY INSECT REPORT

Insect infestations appear to be on the decline this year, as none of material consequence was noted this year on the Mill Creek District.

Trees showing symptoms of bark beetle attack are few in number and are widely distributed throughout the forested area of the district. These damaged trees are mostly Pinus ponderosa and Pinus jeffreyi and are mostly suppresssd and over-mature types.

No damage has been noticed on reproduction of any species.

The few trees seriously damaged by insects which are located in feasible places will more than likely be used up by special use permittees this fall and winter. The remaining few are located in near inaccessible places in high, steep country.

I, therefore, recommend no organized control measures this season.

(Signed) H. D. JONES

H. D. JONES, District Ranger.

C O P Y

ANNUAL FOREST INSECT REPORT

Forest: San Bernardino Ranger District Cajon

Dates of field examinations: During summer in connection with other work. Time spent on field survey of insect conditions

Methods of survey employed (general observations, sample strip counting, topographic spotting, sample plot making): General observations.

What is the general insect situation on your district? Infestation very light, probable total on district is 4 M.B.M. loss due to insects. Loss should be based on value of Yellow Pine.

If there are any special areas where insect losses are now serious or threaten to become so, answer the following questions, using additional forms if more than one special area is reported:

Name of area affected: No. Acres:

Location of legal subdivisions:

Proportion of ownership: Government ____; private ____; other

Timber type Range in elevation

Value of stand per M.B.M.

Tabulate below your estimate of the number of trees that died from insect attack on this area during the past season:

Tree Species	Merchantable above 12" D.B.H.	Poles	Reporduction
Y.P.	6		

In your opinion what action should be taken - special examination, control project, administrative use? None

Will it be possible to dispose of infested trees thru free use, administrative use, or sale, so as to insure killing of broods? No.

Remarks and recommendations: No action recommended.

Approved: 10/11/40

(S) CLAUDE K. BARKER

Title: Asst. Forest Supervisor.

Submitted (S) ISAAC R. BAYS

Title: District Ranger

C O P Y

S .
CONTROL
San Bernardino
Insects

Idyllwild, Calif.
Oct. 4, 1940

FOREST SUPERVISOR:

Preliminary insect control report from San Jacinto District.

FIELD EXAMINATIONS Have been made thruout the summer incidental with other work.

METHODS EMPLOYED have been general observations.

GENERAL SITUATION: no epidemic; endemic infestation continued to increase.

LOCAL AREAS INFESTED:

Black Mt., south slope, on fringe between timber and brush.

Banning-Idyllwild road, between Fuller Creek and Vista Grande, scattered clumps of Coulter pine infested (much of this is infected with mistletoe, anyway.

Dark Canyon, trees scattered, somewhat heavier than normal loss. Infestation in this area potentially serious, due to being an important recreational area on the district.

Idyllwild, somewhat heavier than normal loss, trees scattered. Private owners will not effect control until too late (ie: tree dead). Efforts, partially effective, have been made, thru the Chamber of Commerce, to relieve this situation.

Keen Camp, heavier than normal loss in sapling and pole sizes, due according to Carlson, to primary attack by buprestids (other areas attacked by Dendroctonus). Largely on private lands - owners do little.

Baldy Mt., two localized spots of heavy attack, one east other west end. West end on govt. land, east end about on line between govt. & private.

Lake Hemet - normal infestation; no local epidemic has developed from flood-killed trees.

Thomas Mt. and Santa Rosa seem to have little infestation of beetles.

Fobes Canyon and the north slope of Santa Rosa will bear watching as the Garner and Null Canyon fires, respectively, in these areas may result in bark beetle attack on the injured trees.

POSSIBLE CONTROL: It is difficult to effect control on the majority of trees attacked because of distance from Idyllwild or distance off a road. There is sufficient wood in this vicinity, so that people will not go far for a dying pine tree.

(Signed) RICHARD H. MAY.